Task card 1 Interpreting Rate of Change & Init...

The equation C = 25h + 74 gives the cost C, in dollars, of renting a boat for h hours. What does the number 74 represent: the rate of change or the initial value?

Task card 2 Interpreting Rate of Change & Init...

The equation S = 8n + 118 gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 8 represent: the rate of change or the initial value?

Task card 3 Interpreting Rate of Change & Init...

The equation H = 3w + 11 gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 11 represent: the rate of change or the initial value?

Task card 4 Interpreting Rate of Change & Init...

The equation S = 22n + 179 gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 179 represent: the rate of change or the initial value?

Task card 5 Interpreting Rate of Change & Init...

The equation F = 2d + 9 gives the fare F, in dollars, for a taxi ride of d miles. What does the number 2 represent: the rate of change or the initial value?

Task card 6 Interpreting Rate of Change & Init...

The equation P = 8g + 32 gives the monthly phone bill P, in dollars, when g gigabytes of data are used. What does the number 32 represent: the rate of change or the initial value?

Task card 7 Interpreting Rate of Change & Init...

The equation H = 6w + 5 gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 5 represent: the rate of change or the initial value?

Task card 8 Interpreting Rate of Change & Init...

The equation C = 29h + 20 gives the cost C, in dollars, of renting a boat for h hours. What does the number 29 represent: the rate of change or the initial value?

Task card 9 Interpreting Rate of Change & Init...

The equation W = 25t + 108 gives the water W, in liters, in a pool t minutes after a hose is turned on. What does the number 25 represent: the rate of change or the initial value?

Task card 10 Interpreting Rate of Change & Init...

The equation P = 3g + 15 gives the monthly phone bill P, in dollars, when g gigabytes of data are used. What does the number 3 represent: the rate of change or the initial value?

Task card 11 Interpreting Rate of Change & Init...

The equation W = 12t + 253 gives the water W, in liters, in a pool t minutes after a hose is turned on. What does the number 253 represent: the rate of change or the initial value?

Task card 12 Interpreting Rate of Change & Init...

The equation F = 3d + 8 gives the fare F, in dollars, for a taxi ride of d miles. What does the number 8 represent: the rate of change or the initial value?

Task card 13 Interpreting Rate of Change & Init...

The equation P = 3g + 32 gives the monthly phone bill P, in dollars, when g gigabytes of data are used. What does the number 3 represent: the rate of change or the initial value?

Task card 14 Interpreting Rate of Change & Init...

The equation S = 22n + 148 gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 148 represent: the rate of change or the initial value?

Task card 15 Interpreting Rate of Change & Init...

The equation H = 2w + 10 gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 10 represent: the rate of change or the initial value?

Task card 16 Interpreting Rate of Change & Init...

The equation W = 15t + 235 gives the water W, in liters, in a pool t minutes after a hose is turned on. What does the number 235 represent: the rate of change or the initial value?

Task card 17 Interpreting Rate of Change & Init...

The equation H = 2w + 11 gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 11 represent: the rate of change or the initial value?

Task card 18 Interpreting Rate of Change & Init...

The equation W = 26t + 372 gives the water W, in liters, in a pool t minutes after a hose is turned on. What does the number 372 represent: the rate of change or the initial value?

Task card 19 Interpreting Rate of Change & Init...

The equation S = 17n + 122 gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 17 represent: the rate of change or the initial value?

Task card 20 Interpreting Rate of Change & Init...

The equation S = 28n + 84 gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 84 represent: the rate of change or the initial value?

Task card 21 Interpreting Rate of Change & Init...

The equation S = 11n + 161 gives the money S, in dollars, in Lena's savings account after n weeks. What does the number 161 represent: the rate of change or the initial value?

Task card 22 Interpreting Rate of Change & Init...

The equation W = 29t + 166 gives the water W, in liters, in a pool t minutes after a hose is turned on. What does the number 29 represent: the rate of change or the initial value?

Task card 23 Interpreting Rate of Change & Init...

The equation H = 4w + 11 gives the height H, in centimeters, of a plant w weeks after it was planted. What does the number 4 represent: the rate of change or the initial value?

Task card 24 Interpreting Rate of Change & Init...

The equation F = 2d + 4 gives the fare F, in dollars, for a taxi ride of d miles. What does the number 4 represent: the rate of change or the initial value?

Interpreting Rate of Change & Initial Value Task Cards

Recording sheet · Grade 8 · Answer each question with "rate of change" or "initial value".

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Interpreting Rate of Change & Initial Value Task Cards: Answer Key

Grade 8 · Easy

The answers online

1. initial value	**2.** rate of change	**3.** initial value
4. initial value	**5.** rate of change	**6.** initial value
7. initial value	**8.** rate of change	**9.** rate of change
10. rate of change	**11.** initial value	**12.** initial value
13. rate of change	**14.** initial value	**15.** initial value
16. initial value	**17.** initial value	**18.** initial value
19. rate of change	**20.** initial value	**21.** initial value
22. rate of change	**23.** rate of change	**24.** initial value